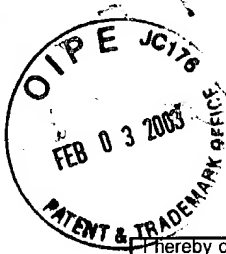2673

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

I hereby certify that this transmittal of the below described document is being deposited with the United States Postal Service in an envelope bearing First Class Postage and addressed to the U.S. Patent and Trademark Office, Washington, D.C., 20231, on the below date of deposit.

Date of Deposit:	01/27/03	Name of Person Making the Deposit:	KATHERINE RINALDI	Signature of the Person Making the Deposit:	Katherine Rinaldi

In re Application of: Manfred Bartz, Marat Zhaksilikov, Steve Roe, Kenneth Y. Ogami, Matthew A. Pleis and Douglas H. Anderson

Serial No.: 09/989,808   Examiner: not yest assigned

Filed: 11/19/01   Art Unit: 2673

For: AUTOMATIC GENERATION OF APPLICATION PROGRAM INTERFACES, SOURCE CODE, INTERRUPTS, AND DATASHEETS FOR MICROCONTROLLER PROGRAMMING

Assistant Commissioner for Patents
Washington, D.C.   20231

RECEIVED

FEB 0 5 2003

Technology Center 2600

AMENDMENT TRANSMITTAL

1.   Transmitted herewith is an amendment for this application

__X__ Transmitted herewith is a response to an office action for the above identified patent application.
      (__21__ sheets)
__X__ Transmitted herewith are __6__ sheets of Red Line drawings.
__X__ Drawing Amendment 1 sheet
__X__ Supporting Documents 4 sheets

2.   Applicant is other than a small entity

Extension of Term

3.   The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply.

(a)   [ ]   Applicant petitions for an extension of time under 37 C.F.R. 1.136
             (fees: 37 C.F.R. 1.17(a)-(d) for the total number of months checked below:)

Extension	Fee
[ ] one month	$110.00
[ ] two months	$410.00
[ ] three months	$930.00
[ ] four months	$1,450.00

Fee $_____

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If an additional extension of time is required, please consider this a petition therefor.

(b)   [X]   Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

Fee Calculation

The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

(for other than a small entity)					
Fee Items	Claims Remaining After Amendment	Highest Number of Claims Previously Paid For	Present Extra Claims	Fee Rate	Total
Total Claims	35	- 35 =	0	x $18.00	$0.00
Independent Claims	3	- 3 =	0	x $84.00	$0.00
Multiple Dependent Claim Fee (one or more, first added by this amendment)				$260.00	$0.00
Total Fees					$0.00

PAYMENT OF FEES

5. The full fee due in connection with this communication is provided as follows:

[X] The Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No.: 23-0085.
A duplicate copy of this authorization is enclosed.

[ ] A check in the amount of $

[ ] Charge any fees required or credit any overpayments associated with this filing to Deposit Account No.: 23-0085.

Please direct all correspondence concerning the above-identified application to the following address:

WAGNER, MURABITO & HAO LLP
Two North Market Street, Third Floor
San Jose, California 95113
(408) 938-9060

Respectfully submitted,

Date: 1/27/2003

By: _____
Anthony C. Murabito
Reg. No. 35,295

rev. 11/98 kgr

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF: :

Manfred BARTZ et al.   : GROUP ART UNIT:

SERIAL NO: 09/989,808   :

FILED: NOVEMBER 19, 2001   : EXAMINER:

FOR: AUTOMATIC GENERATION OF
       APPLICATION PROGRAM
       INTERFACES, SOURCE CODE,
       INTERRUPTS, AND
       DATASHEETS FOR
       MICROCONTROLLER
       PROGRAMMING

PRELIMINARY AMENDMENT

COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

Prior to examination of the above-identified application, consideration of the following

Amendments and Remarks is respectfully requested.

IN THE SPECIFICATION

Please replace the paragraph beginning at page 1, line 5 with the following new paragraph:

The present invention relates to the field of programmable single-chip systems. Specifically,

the present invention relates to a software program which allows a circuit designer to configure a

circuit and then automatically generate a series of items to facilitate programming a microcontroller.

Please replace the paragraph beginning at page 6, line 9 with the following new paragraph: